

ABSTRACTANALYSING TACTICAL DATA LINK MESSAGES

The application describes a method of analysing data link messages, comprising the steps of:

- a) receiving a plurality of data link messages;
- b) assigning each data link message to one of a plurality of message groups such that each group contains data link messages of a specific message type;
- c) within a group,
 - (i) tabulating the messages so as to align corresponding fields;
 - (ii) displaying the tabulated data.
- (d) displaying a list of field contents for each field type, the list being filtered to remove repeated incidence of the same content.

For each field type, it is preferred to display a list of field contents within that type, filtered to remove repeated incidence of the same content. Thus, the user is presented simultaneously with a summary of the common entries for a particular field type and any spurious or unusual entries. It is also useful to filter the lists to remove repeated incidence of content falling within a specified narrow range. This could be more useful for continuously variable data types such as latitude or longitude data. This is particularly applicable to tactical data link messages.

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